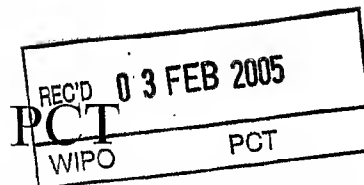


PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: SONG ZHIQIANG, MA HAIMING
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43 *bis*.1)

Date of mailing (day/month/year) 27 JAN 2005 (27.01.2005)	
Applicant's or agent's file reference DF0423126P	REPLY DUE within months/days from the above date of mailing
International application No. PCT/CN2004/001143	International filing date (day/month/year) 09 Oct. 2004(09.10.2004)
Priority date (day/month/year) 10 Oct. 2003(10.10.2003)	
International Patent Classification (IPC) or both national classification and IPC IPC⁷: H04Q7/20	
Applicant HUAWEI TECHNOLOGIES CO., LTD. ETAL	

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☒ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43*bis*.I(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China	Authorized officer GENG XIAOFANG
Facsimile No. 86-10-62019451	Telephone No. 86-10-62084580

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/CN2004/001143

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of: international search (under Rules 12.3 and 23.1(b))
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
☐ a sequence listing
☐ table(s) related to the sequence listing
 - b. format of material
☐ in written format
☐ in computer readable form
 - c. time of filing/furnishing
☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ in addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/CN2004/001143

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

1. Statement:

Novelty (N)

Claims 1-2

Claims 3-10

Inventive step (IS)

Claims 8-9

Claims 1-7,10

Industrial applicability (IA)

Claims 1-10

Claims

2. Citations and explanations

D1(EP-A-1337123), D2(WO -A- 02054814)

Claims 1-7, 10 lack novelty or inventive step.

1. Claim 1 lacks novelty.

D1 discloses a method of protecting privacy of the location of mobile terminals in a location system, comprising: when a GMLC is waiting for the location result, the GMLC determine whether privacy settings of the target UE terminal has been altered; if this is the case, the GMLC determines whether cancellation of the location request is require; if cancellation is required, a cancellation request is sent to the SGSN/MSC to cancell the location request (see Par. 38 of column 9- Par. 43 of column 11, Fig.9 and 10).

Therefore, claim1 lack a novelty step.

2. Claims 2-7, 10 lack novelty or inventive step

1) The subject-matter of Claim 2 is known from D1 because the location request determined is activated in D1.

2) The subject-matter of Claim 3 is a matter of course to a person skilled in the art.

3) The subject-matter of Claim 4 is a matter of course to a person skilled in the art .Because cancellation of the locaiton request is performed when the privacy settings is altered, so the determination using the privacy settings altered is apparent.

4) The subject-matter of Claim 5- 6 is generally kown from the prior art.

5) The subject-matter of Claim 7-10 merely represents the obviously substitution to error information(Fig.10).

3. Claims 8-9 are considered to be novel and to involve an inventive step because both D1 and D2 do not teach or suggest the subject-matter of claim 8-9.